

Title (en)

REPLACEMENT METHODS FOR RADIAL SEALS OF WIND TURBINE MAIN BEARINGS

Title (de)

ERSATZVERFAHREN FÜR RADIALDICHTUNGEN VON WINDTURBINENHAUPTLAGERN

Title (fr)

PROCÉDÉ DE REMPLACEMENT DES JOINTS RADIAUX DES PALIERS PRINCIPAUX D'UNE ÉOLIENNE

Publication

EP 3530939 B1 20210407 (EN)

Application

EP 19158327 A 20190220

Priority

US 201815901078 A 20180221

Abstract (en)

[origin: EP3530939A1] A method 100 for replacing an existing radial seal 62 positioned around a shaft 34 and adjacent to a bearing 54 includes providing at least one spacer 66, 68 in a seal cavity 64 of the existing radial seal 62. The method 100 also includes removing a cover 65 of the existing radial seal 62. The method 100 further includes removing the at least one spacer 66, 68. In addition, the method 100 includes removing the existing radial seal 62 from around the shaft. Moreover, the method 100 includes replacing the existing radial seal 62 with a new radial seal. Further, the method 100 includes moving the spacer 66, 68s from a first side of the seal cavity 64 to an opposing, second side of the seal cavity 64 to provide a new sealing location for the new radial seal. Thus, the method 100 also includes securing the cover 65 adjacent to the new radial seal.

IPC 8 full level

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CPC (source: EP US)

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